

Title (en)

EVALUATION OF A SYSTEM INCLUDING SEPARABLE SUB-SYSTEMS OVER A MULTIDIMENSIONAL RANGE

Title (de)

BEURTEILUNG EINES SYSTEMS MIT TRENNBAREN UNTERSYSTEMEN ÜBER EINEN MEHRDIMENSIONALEN BEREICH

Title (fr)

ÉVALUATION D'UN SYSTÈME COMPRENANT DES SOUS-SYSTÈMES DISTINCTS SUR UNE GAMME MULTIDIMENSIONNELLE

Publication

EP 3063707 A2 20160907 (EN)

Application

EP 14796943 A 20141017

Priority

- US 201314065388 A 20131028
- US 2014061220 W 20141017

Abstract (en)

[origin: US2015120632A1] An artificial neural network may be configured to test the impact of certain input parameters. To improve testing efficiency and to avoid test runs that may not alter system performance, the effect of input parameters on neurons or groups of neurons may be determined to classify the neurons into groups based on the impact of certain parameters on those groups. Groups may be ordered serially and/or in parallel based on the interconnected nature of the groups and whether the output of neurons in one group may affect the operation of another. Parameters not affecting group performance may be pruned as inputs to that particular group prior to running system tests, thereby conserving processing resources during testing.

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

See references of WO 2015065738A2

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

US 2015120632 A1 20150430; **US 9721204 B2 20170801**; CA 2926649 A1 20150507; CN 105580031 A 20160511; CN 105580031 B 20180116; EP 3063707 A2 20160907; JP 2016538633 A 20161208; KR 20160076531 A 20160630; TW 201525883 A 20150701; WO 2015065738 A2 20150507; WO 2015065738 A3 20150709

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